

Application No. 10/765,416
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TC Art Unit: 3742
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AMENDMENTS TO THE SPECIFICATION

Please replace the Abstract with the following amendment:

The An active cooling panel comprises includes a first part and a second part of thermostructural composite material, each part having an inside face and an opposite outside face, the first and second parts being are assembled together by bonding their respective inside faces together, and eChannels being are formed by indentations formed in the inside face of at least one of the first and second parts. The active cooling panel further includes a sealing layer bonded to at least one of the first and second parts and situated at a distance from the assembled-together inside faces thereof. The invention is applicable Such active cooling panels can be used to making heat exchanger walls, such as the walls for of a the combustion chambers of an aircraft engines, or the diverging portions of a rocket engines, or portions of a plasma confinement chambers in a nuclear fusion reactors.